

## Native American Affairs Technical Assistance to Tribes Program 2018 Funding

### **The Chickasaw Nation, Additional water supply for the City of Tishomingo: \$178,415**

The Chickasaw Nation of Oklahoma will help the City of Tishomingo expand and improve the reliability of its water supply. This two-year project will consist of drilling and testing four wells in the Arbuckle Simpson Aquifer to enhance available water supplies in the region for drought resiliency.

### **Northern Arapaho Tribe, Arapaho Ranch Domestic Water Well Development Project: \$98,450**

The Northern Arapaho Tribe will develop domestic water supply wells at the Tribe's Arapaho Ranch, a cattle ranching operation located on the Wind River Indian Reservation. The project will provide a source of safe drinking water and will assist the Tribe with sustaining its ranching operations. The project will consist of well siting, drilling up to three wells, and well construction and testing.

### **Choctaw Nation of Oklahoma, process improvements for failing water and wastewater treatment plants in Choctaw Territory: \$197,454**

The Choctaw Nation is improving the drinking water quality for two communities that are currently out of compliance with state regulations. Additionally, the Nation aims to improve the efficiency of a wastewater treatment plant in a third community. This project includes sampling water at various points of the system, analysis of existing water quality data and training. The goals include decreasing disinfection by-products, lowering treatment costs and improving efficiency.

### **Northern Cheyenne Tribe, water marketing project: \$93,148**

The overall objective of this project is to increase tribal water leases to off-reservation users. The project will include conducting a review of the water supply and demand aspects of the existing tribal water marketing program, evaluating and quantifying the water supply that can be marketed, reviewing the broad scope of regional water supplies and identifying regional water demands and potential water users interested in leasing water resources.

### **Pascua Yaqui Tribe, design and engineering of water pipeline to irrigate the Pascua Yaqui Tribe's Wellness Center in Pueblo: \$125,000**

The Pascua Yaqui Tribe will design and construct a waterline to provide a connection between a non-potable water supply line and the irrigation system for the Tribe's Wellness Center, reducing reliance upon potable water for irrigation purposes.

**Bishop Paiute Tribe, Bishop Paiute Irrigation Water: Beneficial Use Project: \$170,475**

The Bishop Paiute Tribe will implement a project to better maintain and protect existing habitat for native desert fish endemic to the Owens Valley through water delivery infrastructure improvements. The Tribe will increase the flow of water through the Conservation Open Space while improving and increasing the natural flora and fauna. This project will also include replacing a blocked drain line and installing a fish screen.

**Fallon Paiute-Shoshone Tribe, the 57-3 Lateral Irrigation Improvement Project: \$199,999**

The Tribe will improve irrigation concrete lining in canal segments 1, 2 and 3. Funding will support a larger, 638 contract grant for the construction of the canal. The Tribe will place a 2.5-inch-thick concrete lining in all its canals, totaling 4,537.5 feet.

**Tule River Tribe, Tule River Tribe Water Resource Assessment Project: \$100,000**

The Tule River Tribe will use these funds to perform an assessment of the existing system's infrastructure and will use the findings to determine necessary, future infrastructure improvements.

**Shoshone-Bannock Tribes, improved management of surface water diversions for the Michaud Unit of the Fort Hall Irrigation Project: \$196,341**

The Shoshone-Bannock Tribes will develop an irrigation management plan for control of river diversions and water delivery. The plan will maximize tribal water storage, and will ensure efficient and reliable water delivery for users. Funds will also be used to develop computational tools for optimal plan implementation and water delivery control.

**Shoshone-Paiute Tribes of the Duck Valley Indian Reservation, Shoshone-Paiute Tribes of the Duck Valley Indian Reservation Water Management Project: \$70,393**

The Shoshone-Paiute Tribes will purchase and install water quality monitoring sensors in the three primary reservoirs on the Duck Valley Reservation in Idaho and Nevada to gather water quality and quantity data. The data will inform a Water Management Plan for the reservoirs to help maintain healthy temperatures and protect fish and wildlife habitat, which are important to the economic development of the Tribes.

**Confederated Tribes of the Colville Reservation, Critical Water Quality Data Collection Project: \$76,050**

The Tribe will conduct water monitoring for temperature and turbidity at seven sites and will sample for bacterial contamination at six streams. The study will help develop recommendations for water quality and protections that may be necessary to avoid contamination of surface water.

**Pueblo of Santa Ana, technical training in river protection for the Pueblo of Santa Ana Reclamation funding: \$9,788**

The Pueblo of Santa Ana will use these funds to send its Restoration Division Manager to a technical training course in wildland hydrology. This course focuses on sediment processes.

**Pueblo of Santa Ana, overhaul of groundwater observation wells throughout the riparian corridor along the Rio Grande and Rio Jemez riparian corridors at the Pueblo of Santa Ana: \$189,103**

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**Pueblo of Jemez, Pueblo of Jemez management of water resources: \$189,609**

The Pueblo of Jemez will conduct a wastewater infrastructure assessment as the current wastewater collection system is aging and may be under capacity in the future. The study will identify the options and costs associated with rehabilitating and/or developing new wastewater collection infrastructure to ensure capacity through 2060.